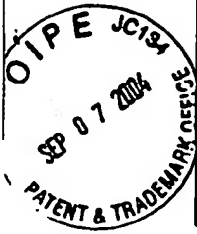




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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known

Application Number	10/020,838
Filing Date	12/10/2001
First Named Inventor	David W. Brown
Group Art Unit	2153
Examiner Name	

Attorney Docket Number	P214009
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U.S. PATENT

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FOREIGN PATENT

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First Named Inventor	David W. Brown
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Group Art Unit	2153
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Examiner Name

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Sheet	1	of	2
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Application Number	10/020,838
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Group Art Unit	2153
Examiner Name	G. Burgess
Attorney Docket Number	P214009

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ²			
HL		6,028,593		Rosenberg et al.	02/22/2000	
		5,821,920		Rosenberg et al.	10/13/1998	
		5,956,484		Rosenberg et al.	09/21/1999	
		6,101,530		Rosenberg et al.	08/08/2000	
		6,125,385		Wies et al.	09/26/2000	
		6,061,004		Rosenberg	05/09/2000	
		6,046,727		Rosenberg et al.	04/04/2000	
		6,078,308		Rosenberg et al.	06/20/2000	
		6,100,874		Schena et al.	08/08/2000	
		6,128,006		Rosenberg et al.	10/03/2000	
		6,131,097		Peurach et al.	10/10/2000	
		5,438,529		Rosenberg et al.	08/01/1995	
		5,623,582		Rosenberg	04/22/1997	
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		5,734,373		Rosenberg et al.	03/31/1998	

FOREIGN PATENT DOCUMENTS

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Examiner Signature	<i>H. Chen</i>	Date Considered	3-3-05
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Sheet	2	of	2
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Application Number	10/020,838
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First Named Inventor	David W. Brown
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Examiner Name	G. Burgess
Attorney Docket Number	P214009

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Examiner Signature	H. en u	Date Considered	3-3-85
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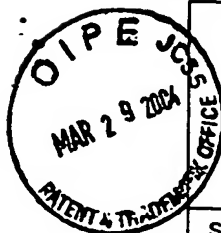
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Sheet 1 of 3

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Application Number 10/020,838
Filing Date 12/10/2001
First Named Inventor David W. Brown
Group Art Unit 2153
Examiner Name G. Burgess
Attorney Docket Number P214009

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†
HL	1	BRADLEY BARGEN and PETER DONNELLY; <u>Inside Direct X – In Depth Techniques for Developing High-Performance Multimedia Applications</u> ; 1988; Chps. 1, 18-20, 22-27; Microsoft Press; U.S.	
	2	PETER KOVACH; <u>Inside Direct3D – The Definitive Guide for Real-Time 3D Power and Performance for Microsoft Windows</u> ; 2000; Chps. 1, 7, 15; Microsoft Press; U.S.	
	3	M. FARSI and M. BARBOSA; <u>CANopen Implementation - Applications to Industrial Networks</u> ; 2000; Research Studies Press Ltd.; England and U.S.	
	4	WOLFHARD LAWRENZ; <u>CAN System Engineering – From Theory to Practical Applications</u> ; 1997; Springer-Verlag New York, Inc.; U.S.	
	5	ALLEN-BRADLEY; "CNCnet Software Library"; October, 1992; Publication 8000-6.1.1; U.S.	
	6	ROBERT BOSCH GmbH; "CAN Specification"; September, 1991; Version 2.0.	
	7	SISCO, INC.; "Overview and Introduction to the Manufacturing Message Specification (MMS)"; 1994-1995; Revision 2; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
	8	ISO-9506-1 "Industrial Automation Systems—Manufacturing Message Specification—Part 1: Service definition"; August, 2000; pp. i-22; ISO/IEC; Switzerland.	
	9	ISO-9506-2 "Industrial Automation Systems—Manufacturing Message Specification—Part 2: Protocol specification"; August 2000; pp. i.-6; ISO/IEC; Switzerland.	
	10	SISCO, INC.; "MMS-EASE"; January 1996; Systems Integration Specialists Company, Inc.; Sterling Heights, Michigan, U.S.	
	11	ANSI/EIA-484-A "Electrical and Mechanical Interface Characteristics and Line Control Protocol Using Communication Control Characters for Serial Data Link Between a Direct Numerical Control System and Numerical Control Equipment Employing Asynchronous Full Duplex Transmission"; June, 1995; Electronic Industries Association; U.S.	

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/020,838
		Filing Date	12/10/2001
		First Named Inventor	David W. Brown
		Group Art Unit	2153
		Examiner Name	G. Burgess
		Attorney Docket Number	P214009
Sheet 2	of 3	RECEIVED MAR 30 2004 Technology Center 2100	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
HL	12	ISO/IEC 7498-1 "Information Technology—Open Systems Interconnection-Basic Reference Model: The Basic Model"; November 1994; U.S.	
	13	ISO/IEC 7498-3 "Information Technology—Open Systems Interconnection-Basic Reference Model: Naming and Addressing"; April 1997; U.S.	
	14	TODD J. SCHUETT; "The Benefits and Data Bottlenecks of High Speed Milling"; August, 1995; conference paper presented at Southeastern Michigan Chapter American Mold Builders Association; Creative Technology Corporation; U.S.	
	15	TODD J. SCHUETT; "The Ultimate DNC; Direct CNC Networking (DCN)"; <u>Modern Machine Shop</u> ; January, 1996; Creative Technology Corporation; U.S.	
	16	TODD J. SCHUETT; "Advanced Controls for High Speed Milling"; conference paper presented at the SME "High Speed Machining" conference; May 7-8, 1996; Creative Technology Corporation; U.S.	
	17	LEITAO, MACHADO & LOPES; "A Manufacturing Cell Integration Solution"; paper developed at CCP as a part of the ESPRIT 5629 Project; October, 1995.	
	18	MITSUBISHI ELECTRIC; <u>Mitsubishi Electric Advance: Programmable Logic Controllers Edition</u> ; September, 1996; Vol. 76; Mitsubishi Electric Corporation; Tokyo.	
	19	FARSI, M.; "Flexible and Reliable Robotics Cells in Factory Automation"; 1993; pp. 520-525.	
	20	CHU & WANG; "Development of a Practical SFC System for CNC Machine Shop"; <u>International Conference on Data and Knowledge Systems for Manufacturing and Engineering</u> ; May 1994; pp. 362-367, Vol. 1; pp. xx+745, Vol. 2; Chinese Univ.; Hong Kong.	
	21	FARSI, M.; "Device Communication for Flexible Manufacturing:-A New Concept"; 1994; pp. 328-334.	
	22	FARSI, M.; "A Production Cell Communication Model in Factory Automation Using the Controller Area Network"; 1995; pp. 90-95.	

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Application Number	10/020,838
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First Named Inventor	David W. Brown
Group Art Unit	2153
Examiner Name	G. Burgess
Attorney Docket Number	P214009

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Sheet	3	of	3
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[†]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[‡]
JL	23	FARSI, M. "CANopen: The Open Communications Solution"; 1996; pp. 112-116.	
	24	KATAYAMA et al.; "A Motion Control System with Event-driven Motion-module Switching Mechanism for Robotic Manipulators"; IEEE International Workshop on Robot and Human Communication; July, 1993; pp. 320-325; U.S.	
	25	MATSUI et al.; "An Event-Driven Architecture for Controlling Behaviors of the Office Conversant Mobile Robot, Jijo-2"; Proceedings of the 1997 IEEE International Conference on Robotics and Automation; April 1997; pp. 3367-3372; U.S.	
	26	MICROSOFT CORPORATION; "How to Write and Use ActiveX Controls for Microsoft Windows CE 3.0"; Windows CE 3.0 Technical Articles; June, 2000; pp. 1-5.	
	27	MICROSOFT CORPORATION; "Notes on Implementing an OLE Control Container"; ActiveX Controls Technical Articles; September 21, 1994; pp. 1-47.	
✓	28	MICROSOFT CORPORATION; "What OLE Is Really About"; OLE (General) Technical Articles; July, 1996; pp. 1-33.	
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